

# MINGYU KIM

✉ kimmin01@yonsei.ac.kr    📍 Kimmin-01  
Graduate Student @ Yonsei University

## EDUCATION

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### Yonsei University, Korea

B.S. in the Department of Applied Statistics

Mar. 2020 – Feb. 2025

- GPA: 4.25/4.3 (Overall), 4.27/4.3 (Major) (graduated with highest honor)

## RESEARCH INTERESTS

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### LLM Reasoning & Assessment

Causal Inference & Reasoning of LLMs

### Multimodal Learning

Large-Scale Model Pretraining & Efficient Transfer Learning

### Domain Generalization

Invariant Representation Learning

## EXPERIENCE

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### Undergraduate Research Assistant - Advisor: Kyungwoo Song

Jul. 2024 – Feb. 2025

Machine Learning and Artificial Intelligence Lab, Dept. of Statistics and Data Science, Yonsei Univ.

- Paper Reviewed about LLM Reasoning, Causal Inference, and Sharpness Aware Minimization

## TEACHING ASSISTANT

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### Deep Learning (STA3140) - Professor : Jaewoo Park

Student Tutor, Yonsei University

Mar. 2024 – Jul. 2024

### SW Programming (YCS1002) - Professor : Jaekyung Kim

Course Tutor, Yonsei University

Sep. 2021 – Dec. 2021

## AWARDS & SCHOLARSHIPS

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### Guwon Scholarship

Awarded 2 out of 300+ department students, Living expenses support

Mar. 2024 - Feb. 2025

Mar. 2022 – Aug. 2022

### Academic Award, Yonsei University

Top 1% out of 120+ students

## PROJECT

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### Multi-Stage Transfer Learning Approach for Personality Classification using MLM

YAICON 15th Project

Oct. 2024 - Dec. 2024

### Improving Dog-Length Estimation Framework

DSL Industrial Project funded by Petnow Inc., Korea

Sep. 2024 - Dec. 2024

### Missing Children Aging Prediction via FADING & GOAE

DSL Modeling Project [\[Code\]](#) [\[Video\]](#) [\[Video\]](#)

Aug. 2024 - Sep. 2024

### Face Mosaic using Mask R-CNN

YAI Toy Project [\[Code\]](#) [\[Video\]](#)

Jul. 2024 - Aug. 2024

### Foundation Proposal for Midnight Bus Route in Seoul

DSL EDA Project [\[Video\]](#) [\[Video\]](#)

Jul. 2024 - Aug. 2024

### Solving Trolley Problem via Reinforcement Learning

STA3145 Course Project

May. 2024 - Jun. 2024

### Derivation of Dangerous Areas for Children Car Accident in Osan City

funded by COMPAS and Osan City, Korea

Dec. 2020 – Jan. 2021

## EXTRACURRICULAR ACTIVITIES

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### **Yonsei Data Science Lab**

12th Member and Head of Academic Team

*Jul. 2024 – Present*

- Data Science Sessions, Paper Reading, and EDA / Modling / Industrial Project

### **Yonsei Artificial Intelligence**

14th Member for Advanced CV, DGM paper Team

*Jul. 2024 – Present*

- Paper Reading and YAICON (AI Project Hackathon)

## CERTIFICATIONS

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**Advanced Data Analytics Semi-Professional (ADsP)**

*Aug. 2021*

## SKILLS

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### **Computer Languages**

*R (Expert), Python and DL Libraries (Expert), Java (Intermediate)*

### **Languages**

*Korean (Native), English (Fluent)*

### **Hobbies**

*Watching Baseball, Listening Music*

## ADDITIONAL INFORMATION

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### **Military Service**

*Served and Discharged as Sergeant*

*Aug. 2022 – Feb. 2024*